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Sequence Listing was accepted.

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Timestamp: [year=2009; month=9; day=25; hr=13; min=58; sec=42; ms=681;]

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Application No: 10584451

Version No: 2.0

Input Set:

Output Set:

Started: 2009-09-11 21:04:37.818

Finished: 2009-09-11 21:04:39.207

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 389 ms

Total Warnings: 10

Total Errors: 0

No. of SeqIDs Defined: 16

Actual SeqID Count: 16

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<110> SINGH, Sarman
SIVAKUMAR, Ramu

<120> POLYPEPTIDES FOR THE DIAGNOSIS AND THERAPY OF LEISHMANIASIS

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<150> PCT/IN03/00400

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<170> PatentIn version 3.5

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<213> Leishmania donovani

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<213> Leishmania donovani

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<213> *Leishmania donovani*

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cagcagcttc gccaatccga ggagcacgct gcggagctga aggccagct ggagtcact 180

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gctgcgaagt cgtcggcgga gcaggaccgc gagaacacga gggccacgct agagcagcag 360

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<213> *Leishmania donovani*

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Glu Lys Thr Arg Thr Ala Leu Glu Gly Arg Ala Ala Glu Leu Ala Arg
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Lys Leu Glu Ala Thr Ala Ser Ala Lys Asn Leu Val Glu Gln Asp Arg
50 55 60

Glu Arg Thr Arg Ala Thr Leu Glu Glu Arg Leu Arg Ile Ala Glu Val
65 70 75 80

Arg Ala Ala Glu Leu Ala Gly Val Leu Glu Ala Thr Ala Ala Ala Lys
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Thr Ala Val Glu Gln Glu Arg Glu Arg Thr Arg Ala Ala Leu Glu Gln
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Gln Leu Arg Glu Ser Glu Ala Arg Ala Ala Glu Leu Ala Ala Gln Leu
115 120 125

Glu Ala Ala Ala Ala Ala Lys Thr Ser Val Glu Gln Glu Arg Glu Asn
130 135 140

Thr Arg Ala Thr Leu Glu Glu Arg Leu Arg Leu Ala Glu Val Arg Ala
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Met Glu Gln Asp Arg Glu Asn Thr Arg Ala Thr
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His Ala Ala Glu Leu Lys Ala Gln Leu Glu Ser Thr Ala Ala Ala Lys
50 55 60

Thr Ser Ala Glu Gln Asp Arg Glu Asn Thr Arg Ala Ala Leu Glu Gln
65 70 75 80

Arg Leu Arg Glu Ser Glu Glu Arg Ala Ala Glu Leu Ala Ser Gln Leu
85 90 95

Glu Ala Thr Ala Ala Ala Lys Ser Ser Ala Glu Gln Asp Arg Glu Asn
100 105 110

Thr Arg Ala Thr Leu Glu Gln Gln Leu Arg Glu Ser Glu Ala Arg Ala
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Lys Val Leu Gly Gly Ser Asn Asn Ser Gly Ala Ala Glu Ser Met Gly
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Thr Ala Arg Arg Val Ala Gln Asp Phe Gln Phe Asp His Val Phe Trp
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Ser Val Glu Thr Pro Asp Ala Cys Gly Ala Thr Pro Ala Thr Gln Ala
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Gly Phe Asn Ser Cys Leu Phe Ala Tyr Gly Gln Thr Gly Ser Gly Lys
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Asn Gly Val Thr Pro Arg Ile Cys Leu Glu Ile Phe Ala Arg Lys Ala
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Lys Gly Val Lys Gly Gly Gly Glu Glu Val Tyr Val Asp Val Arg Glu
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His Pro Ser Arg Gly Val Phe Leu Glu Gly Gln Arg Leu Val Glu Val
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Gly Ser Leu Asp Asp Val Val Arg Leu Ile Glu Ile Gly Asn Gly Val

225 230 235 240

Arg His Thr Ala Ser Thr Lys Met Asn Asp Arg Ser Ser Arg Ser His
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Ser Gly Glu Thr Ile Arg Thr Ala Gly Lys Ser Ser Arg Met Asn Leu
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385 390 395 400

Asp Pro Arg Ala Arg Arg Ile Arg Glu Leu Glu Glu Gln Met Glu Asp
405 410 415

Met Arg Gln Ala Met Ala Gly Gly Asp Pro Ala Tyr Val Ser Glu Leu
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Lys Lys Lys Leu Ala Leu Leu Glu Ser Glu Ala Gln Lys Arg Ala Ala
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